

Title (en)
Water-disintegratable fibrous sheet

Title (de)
Wasser-zerlegbare Faserbahn

Title (fr)
Feuille fibreuse désintégrable dans l'eau

Publication
EP 0896089 A1 19990210 (EN)

Application
EP 98306220 A 19980804

Priority
JP 21043697 A 19970805

Abstract (en)
A fibrous sheet such as a paper coated with a water-soluble binder of polyvinyl alcohol is impregnated with an aqueous solution of a water-soluble carboxylate, so as to produce a water-disintegratable fibrous sheet. Salting out of the polyvinyl alcohol with the carboxylate maintains wet strength of the water-disintegratable fibrous sheet even in a wet state, which is easily disintegrated when immersed in a large amount of water after use. Furthermore, it does not suffer from deterioration in water-disintegratability and wet strength if it is left at high temperatures, and is good in water-disintegratability in cold water.

IPC 1-7
D21H 17/36; **D21H 17/14**

IPC 8 full level
A47K 7/00 (2006.01); **A47K 10/16** (2006.01); **D21H 17/14** (2006.01); **D21H 17/36** (2006.01); **D21H 19/20** (2006.01)

CPC (source: EP US)
D21H 17/14 (2013.01 - EP US); **D21H 17/36** (2013.01 - EP US); **Y10T 428/237** (2015.01 - EP US); **Y10T 428/249924** (2015.04 - EP US); **Y10T 428/31819** (2015.04 - EP US)

Citation (search report)

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Designated contracting state (EPC)
FR GB NL SE

DOCDB simple family (publication)
EP 0896089 A1 19990210; **EP 0896089 B1 20031015**; AU 714188 B2 19991223; AU 7866298 A 19990218; BR 9805113 A 20010522; BR 9805113 B1 20081118; CA 2243145 A1 19990205; CA 2243145 C 20040427; CN 1154765 C 20040623; CN 1207431 A 19990210; ID 20719 A 19990218; JP H1150389 A 19990223; KR 100589461 B1 20060830; KR 19990023254 A 19990325; MY 116602 A 20040228; SG 70096 A1 20000125; TW 420603 B 20010201; US 6190502 B1 20010220

DOCDB simple family (application)
EP 98306220 A 19980804; AU 7866298 A 19980804; BR 9805113 A 19980803; CA 2243145 A 19980715; CN 98116753 A 19980804; ID 981085 A 19980804; JP 21043697 A 19970805; KR 19980030798 A 19980730; MY P19803478 A 19980730; SG 1998001820 A 19980717; TW 87110186 A 19980624; US 12010598 A 19980721